

ABSTRACT

A standard reproduction model for ensuring real time reproducing on a disk-shaped information recording medium, includes
5 a pickup (102) that reads the real time data from the information recording medium, a buffer memory (103) that temporarily stores the real time data read by the pickup, and a decoding module (104) that reads the real time data from the buffer memory (103) and processes the read real time data. An access time T_{acc} of the standard
10 reproduction model is expressed by the following formula,

$$T_{acc} = A \cdot dN + T_{rev} + B$$

where dN is a difference in rotational speed of the disk-shaped information recording medium, T_{rev} is a rotation waiting time at a target access position, A and B are constants.